WHAT IS CLAIMED IS:

- 1. A discharging unit for discharging a photosensitive material comprising:
- a body having a first face facing a substrate, the substrate including a plurality of coating
- areas on which a photosensitive material is coated;
- at least an inlet portion disposed on a portion of the body, the photosensitive material
- being provided into the body through the inlet portion; and
- at least an outlet portion disposed on the first face of the body, the outlet portion
- 7 rendering the photosensitive material discharge onto the coating area.
- 1 2. The discharging unit of claim 1, further comprising an outlet divider, the outlet
- divider dividing the outlet portion into a plurality of sub-outlets for controlling a stream direction
- of the photosensitive material, so that the photosensitive material is only discharged toward the
- 4 coating area.
- The discharging unit of claim 2, wherein the body includes a containing space to
- 2 contain the photosensitive material therein, the inlet portion being disposed on a second face of
- the body opposite to the first face.
- The discharging unit of claim 3, wherein the outlet portion is connected with the
- containing space, and has a slit shape having a length longer than a width thereof.
- The discharging unit of claim 4, wherein the length of the outlet portion is
- 2 identical to a width of the coating area.

- 1 6. The discharging unit of claim 4, wherein the outlet divider is protruded from the
- 2 first face of the body into the containing space, so that the containing space is divided into a
- 3 plurality of split containing spaces around the outlet portion.
- 7. The discharging unit of claim 1, wherein the body includes a plurality of
- 2 containing spaces to individually contain the photosensitive material therein, the inlet portion
- being disposed on a second face opposite to the first face of the body individually corresponding
- to each of the containing spaces, for thereby individually providing the photosensitive material
- 5 into the plurality of containing spaces, and the outlet portion being disposed individually
- 6 corresponding to each of the containing space, for thereby individually discharging the
- 7 photosensitive material from each of the containing spaces.
- 1 8. The discharging unit of claim 7, wherein the outlet portion has a slit shape having
- a length longer than a width thereof.
- The discharging unit of claim 8, wherein the length of the outlet portion is
- 2 identical to a width of the coating area.
 - 10. A discharging unit for discharging a photosensitive material comprising:
- a plurality of bodies, each of the bodies having a first face facing a substrate, the substrate
- including a plurality of coating areas on which a photosensitive material is coated;
- an inlet portion disposed on a portion of each of the bodies, the photosensitive material
- being provided into each of the bodies through the inlet portion;

- an outlet portion disposed on the first face of each of the bodies, the outlet portion
- rendering the photosensitive material discharge onto the coating area; and
- at least a spacer block, the spacer block combining the bodies with each other, so that the
- 9 plurality of the bodies operates together with each other.
- 11. The discharging unit of claim 10, wherein each of the bodies includes a
- 2 containing space to contain the photosensitive material therein, the inlet portion being disposed
- on a second face of the body opposite to the first face.
- 1 12. The discharging unit of claim 11, wherein the outlet portion is connected with the
- 2 containing space, and has a slit shape having a length longer than a width thereof.
- 1 13. The discharging unit of claim 12, wherein the length of the outlet portion is
- 2 identical to a width of the coating area.
- 1 14. A coater for coating a photosensitive layer on a substrate comprising:
- a supporting unit supporting a mother substrate having a plurality of unit substrates on
- which a photosensitive material is coated;
- a discharging unit discharging the photosensitive material onto the substrate, the
- discharging unit including a) a plurality of bodies having a first face facing the mother substrate,
- b) an inlet portion disposed on a portion of each body, the photosensitive material being provided
- into the body through the inlet portion, c) an outlet portion disposed on a first face of each of the
- bodies, the photosensitive material being discharged onto the unit substrate through the outlet

- portion, and d) a combining part combining the bodies each other, the plurality of the bodies operating together with each other;
- a supplying unit supplying the photosensitive material to the discharging unit; and a transferring unit transferring the discharging unit relative to the support.
- 1 15. The coater of claim 14, wherein each of the bodies has a containing space for containing the photosensitive material therein, the inlet portion is disposed on a second face opposite to the first face, and the photosensitive material being provided into the containing space through the inlet portion.
 - 16. The coater of claim 15, wherein the outlet portion is connected with the containing space, and includes a slit shape having a length longer than a width thereof.
 - 17. The coater of claim 16, wherein the length of the outlet is identical to a width of the unit substrate.
 - 18. A coater for coating a photosensitive layer comprising:
 - a supporting unit supporting a mother substrate having a plurality of unit substrates on which a photosensitive material is coated;
- a discharging unit including a) a body having a first face facing the mother substrate, b)
- an inlet portion disposed on a portion of the body, the photosensitive material being provided
- into the body through the inlet portion, and c) an outlet portion disposed on a first face of the
- body, the photosensitive material being discharged onto the unit substrate through the outlet
- 8 portion;

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- a supplying unit supplying the photosensitive material to the discharging unit; and a transferring unit transferring the discharging unit relative to the support.
- 19. The coater of claim 18, further comprising an outlet divider, the outlet divider
- dividing the outlet portion of the coating unit onto a plurality of sub-outlets for controlling a flow
- direction of the photosensitive material, so that the photosensitive material is only discharged
- 4 toward the unit substrate.
- 1 20. The coater of claim 19, wherein the body has a containing space for containing
- the photosensitive material therein, the inlet portion is disposed on a second face opposite to the
- first face, and the photosensitive material being provided into the containing space through the
- 4 inlet portion.

- 1 21. The coater of claim 20, wherein the outlet portion is connected with the
 - containing space, and includes a slit shape having a length longer than a width thereof.
- The coater of claim 21, wherein the length of the outlet is identical to a width of
- the unit substrate.
- The coater of claim 20, wherein the outlet divider is protruded from the first face
- of the body into the containing space, so that the containing space is divided into a plurality of
- 3 split containing spaces around the outlet portion.

- The coater of claim 18, wherein the body includes a plurality of containing spaces
- to individually contain the photosensitive material therein, the inlet portion being disposed on a
- second face opposite to the first face of the body individually corresponding to each of the
- 4 containing spaces, for thereby individually providing the photosensitive material into the
- 5 plurality of containing spaces, and the outlet portion being disposed individually corresponding
- to each of the containing space, for thereby individually discharging the photosensitive material
- 7 from each of the containing spaces.
- The coater of claim 24, wherein the outlet portion has a slit shape having a length
- 2 longer than a width thereof.
- The coater of claim 25, wherein the length of the outlet portion is identical to a
- width of the unit substrate.

- 27. An apparatus for coating a photosensitive layer on a substrate, comprising:
- a support supporting a substrate having a plurality of unit substrate on which a
- 3 photosensitive material is coated;
- a coater including a discharging unit for discharging the photosensitive material onto the
- 5 unit substrate and a transfer unit for moving the discharging unit along a surface of the substrate,
- the coater coating the photosensitive layer on the substrate by the unit substrate;
- a detector disposed in front of the coater, the detector detecting foreign matters on the
- surface of the substrate;
- a remover removing the foreign matters detected by the detector; and
- a controller controlling the coater, the detector, and the remover.

- The apparatus for coating a photosensitive layer of claim 25, wherein the detector
- 2 includes an image sensor and a signal generator, the image sensor photographing the surface of
- the substrate and creating an surface image of the surface of the substrate, and the signal
- 4 generator processing the surface image and generating a signal for operating the remover in case
- the foreign matters are found on the surface of the substrate.
- The apparatus for coating a photosensitive layer of claim 28, wherein the image
- sensor includes a camera having a charge-coupled device (CCD).
- The apparatus for coating a photosensitive layer of claim 27, wherein the remover
- includes an air knife, the air knife injecting a gaseous material to the foreign matters, for thereby
- removing the foreign matters.
- The apparatus for coating a photosensitive layer of claim 27, wherein the transfer
- 2 unit includes an interrupter, the interrupter forcibly stopping the transfer unit for preventing the
- discharging unit from being damaged by residual foreign matters remaining on the substrate after
- a removing process by the remover.
- The apparatus for coating a photosensitive layer of claim 27, further comprising
- an inspector disposed in rear of the discharging unit, the inspector inspecting a surface of the
- 3 photosensitive layer coated on the substrate.

- The apparatus for coating a photosensitive layer of claim 32, wherein the
- 2 inspector includes an image sensor photographing the surface of the photosensitive layer and
- 3 creating an surface image of the surface of the photosensitive layer.